

DATA REQUIREMENTS DESCRIPTION (DRD)

1a DRD Title Performance Data Set 1.b Data Type: 1	2. Date of current version June 5, 2012	3. DRL Line Item No. MPIC-PC-02	RFP/Contract No. (Procurement completes) NNJ12414367L
4. Use (Define need for, intended use of, and/or anticipated results of data) Logically singular repository of past, current and future Program performance data and information		5. DRD Category: (check one) <input checked="checked" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA	
6. References (Optional) SOW 1.1.2.2 White Paper: Performance Management in the MPCV Program	7. Interrelationships (e.g., with other DRDs) (Optional) DRD MPIC-PC-03, Performance Measures DRD MPIC-PC-04, Integrated Analysis		
8. Preparation Information (Include complete instructions for document preparation) <p>SCOPE: The Performance Data Set is a logically singular repository of technical, schedule, cost performance data and information that is accessible by all authorized Program participants, including the Prime Contractor, Prime Contractor subcontractors, NASA participating organizations (aka Non-Prime) and Partners, as applicable. The Performance Data Set shall support data exchange throughout the MPCV Program and its operating environment and shall support data reporting throughout the Program including to Headquarters.</p> <p>CONTENT: The Performance Data Set contains:</p> <ol style="list-style-type: none"> 1. Information reported by Program Suppliers via the Data Management function and information extracted from Supplier presentations via data mining; 2. Functional Data Products; Forecasts and Independent Assessments developed under DRD MPIC-PC-03; and 3. The results of integrated analysis developed under DRD-MPIC-PC-04. <p>Suppliers report performance information in accordance with Contract and Agreement Data Requirements Descriptions (DRDs) which includes as a minimum: a) business rhythm, b) financial, workforce and subcontract reports, c) Integrated Master Schedule (IMS), d) Earned Value Management, e) Risk, and f) quality audit reports. Information obtained by data mining are technical, schedule and cost data determined to be of value by MPIC personnel for assessing current and future Program performance. The performance measures Functional Data Products, forecasts and independent assessments are defined by DRD MPIC-03, Performance Measures. Integrated analysis is defined by DRD MPIC-PC-04.</p> <p>FORMAT: The Performance Data Set shall operate on existing MPCV information technology systems and operating environments, including ICE. Individual items of content shall be linked into the Performance Data Set and not re-hosted. Copying is prohibited. Re-hosting can be accomplished only if initiated by its Data Authority and follows MPCV IT procedure.</p>			
9. OPR: Content comprising the Performance Data Set has a Data Authority responsible for data accuracy and integrity. The Responsible NASA Official (RNO) is the Lead for the Monitoring and Control function within the Program Planning and Control Office of the MPCV Program Office.			

10. DELIVERY: Data Products are submitted as input to the Performance Data Set. Data Reports are presented Monthly, Quarterly or as –requested.

Data Products

Frequency of Submission

- | | |
|---|---------|
| 1. Data obtained from Supplier Data Reports | Monthly |
| a. Business Rhythm | |
| b. Financial, workforce and subcontract reports | |
| c. Integrated Master Schedule | |
| d. Earned Value Management reports | |
| e. Risk reports | |
| f. Quality Audit reports (e.g., from DCMA) | |
| g. Other | |
| 2. Data obtained from Mining | Monthly |
| a. Technical | |
| b. Schedule | |
| c. Cost | |
| d. Other | |
| 3. Performance Measures (See DRD MPIC-PC-03) | |
| 4. Integrated Analysis (See DRD MPIC-PC-04) | |
| 5. Presentations | Monthly |

Data Reports

- | | |
|---|-----------------|
| Performance Data Set content | Monthly |
| Process Improvement and User metrics | Monthly |
| Data Packages for reporting to HQ/ESD | Quarterly |
| Data Packages for MPCV Milestone Reviews | As Requested |
| Cost-Benefit/Recommendation for Certification | August 31, 2013 |

Updates: The content of the Performance Data Set shall be updated as monthly following Supplier data product submissions and quarterly following Program Reviews.

11. MAINTENANCE: The contractor shall provide access to all content within the Planning Data Set through a single Graphical User Interface (GUI) operational through MPCV Program information technology resources. The GUI shall provide an inventory of data content and permit selection and downloading for local use.

12. COPIES/DISTRIBUTION: Data products will be delivered directly to the Performance Data Set as data elements and integrated with existing content. Monthly Data Reports and all Data Packages will be provided to the CO/COTR unless directed otherwise.

13. REMARKS: In the performance of SOW WBS Element 1.2, 1.6 and 1.10, obtain source documents that contain Program performance data not otherwise reported; review and extract information; and incorporate it to data already stored in the Performance Data Set. Maintain traceability and integrity for data and information extracted and used.